

Biostatistics statement:

Single SNP analysis: By associating each single SNP with the disease, we calculated the genotype-based odds ratio (OR) and p-value based on Fisher's exact test. We also calculated 95% confidence intervals for each odds ratio. The difference was considered as significant when $p < 0.05$. Statistical methods of this study were performed by biostatistician Zhong Wang Ph.D. and reviewed by biostatistician Rongling Wu, Ph.D., from the Division of Biostatistics, Department of Public Health Sciences at The Pennsylvania State University, College of Medicine, Hershey, PA United States of America.

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